BRUHAT BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Name of Work: Improvements and Development of NMH Extension in Bagalagunte ward No 14

Est. Cost Rs 100.00 Lakhs

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 500-3: Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100mtr. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications Specification No. KRBS 500-1 MORTH Chapter 5 Page No. 158/ Item No. 21.3/ PWD SR 2018-19								
	1st Main R/s	Sqm	1	133.50	9.00		1201.50		
	2 nd main L/s		1	197.80	9.00		1780.20		
	4th cross		1	85.00	9.00		765.00		
			1	60.00	8.00		480.00		
	4226.75x0.15=634.013 cum						4226.70	133.56	564518.00
	Basic Rate	126.00							
	Add Area Weightage 6%	7.56							
	Total	133.56							
2	KSRRB 300 -2 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P 143/I 19.2 PW P & IWTD -SR 2018-19)								
	1st Main R/s	Cum	1	146.00	1.10	0.90	144.54		
	1st Main L/s		1	121.00	1.10	0.90	119.79		
	2 nd main R/s		1	189.00	1.10	0.90	187.11		
	2 nd main L/s		1	206.00	1.10	0.90	203.94		
	4th cross		2	85.00	1.10	0.90	168.30		
	Basic rate	179.00	2	60.00	1.10	0.90	118.80		
	Add Area Weightage 6%	10.74					942.48	189.74	178826.00
	Total	189.74							
3	Removing B S Slab drain and Stacking Page No 27 Item No 5.32 PWD SR 2018-19								
	1st Main R/s	Sqm	1	146.00	1.50		219.00		
	1st Main L/s		1	121.00	1.50		181.50		
	2 nd main R/s		1	189.00	1.50		283.50		
	2 nd main L/s		1	206.00	1.50		309.00		
	4th cross		2	85.00	1.50		255.00		
	Basic Rate	99.00	2	60.00	1.50		180.00		
	Add Area Weightage 6%	5.94					1428.00	104.94	149854.00
	Total	104.94							
4	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100 (P 222/I 27.18) PWD - SR 2018-19)								
	1st Main R/s	Cum	1	146.00	1.10	0.15	24.09		
	1st Main L/s		1	121.00	1.10	0.15	19.97		
	2 nd main R/s		1	189.00	1.10	0.15	31.19		
	2 nd main L/s		1	206.00	1.10	0.15	33.99		
	4th cross		2	85.00	1.10	0.15	28.05		

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		2	60.00	1.10	0.15	19.80		
						157.08		
4	From using available course aggregate considering 50% of Item No 03					78.54	4443.52	348994.00
	(b) Remaining Balance Qty					78.54	5421.90	425836.00
	Basic Rate	5115.00						
	Add Area Weightage 6%	306.90						
	Total	5421.90						
5	Providing laying plain/reinforced cement concrete for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc., complete as per approved drawing and design MORTH specification No.1500, 1700, 2200 PCC M20 Grade upto 0.75m height using concrete mixture.including cost of materials, labour, HOM Complete as per specification,pg no 271,it no 37.59 PWD SR 2018-19							
	for Bed							
	1st Main L/s	Cum	1	146.00	0.90	0.15	19.71	
	1st Main R/s		1	121.00	0.90	0.15	16.34	
	2 nd main R/s		1	189.00	0.90	0.15	25.52	
	2 nd main L/s		1	206.00	0.90	0.15	27.81	
	4th cross		2	85.00	0.90	0.15	22.95	
			2	60.00	0.90	0.15	16.20	
	Side wall							
	1st Main L/s		2	146.00	0.75	0.15	32.85	
	1st Main R/s		2	121.00	0.75	0.15	27.23	
	2 nd main R/s		2	189.00	0.75	0.15	42.53	
	2 nd main L/s		2	206.00	0.75	0.15	46.35	
	4th cross		4	85.00	0.75	0.15	38.25	
			4	60.00	0.75	0.15	27.00	
	Culvert Top							
			9	8.00	2.00	0.23	33.12	
							375.84	7070.20	2657264.00
	Basic Rate	6670.00						
	Add Area Weightage 6%	400.20						
	Total	7070.20						
6	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.229 - I. no.28.8.2]							
	80 kg per M3 for Rcc drain	Ton	80	375.84			30067.20		
							30.07	72326.98	2174670.00
	Basic Rate	68233.00						
	Add Area Weightage 6%	4093.98						
	Total	72326.98						
7	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.							
	1st Main R/s	Sqm	1	112.00	0.90		100.80		
	1st Main L/s		1	105.00	0.90		94.50		
	2 nd main R/s		1	155.00	0.90		139.50		
	2 nd main L/s		1	174.00	0.90		156.60		
	4th cross		2	85.00	0.90		153.00		
			2	60.00	0.90		108.00		
	Missing slabs at NMH & Bhoomika layout surroundings		200	0.90	0.60		108.00		
	(Data Rates Approved by Chief Engineer)						860.40	2208.00	1899763.00

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6	Disposal of debris to the final place of disposal with all lead and lift as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100 4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2018-19							
	Loading and Unloading Charges	57.00	Qty Vide Item No 01 & 02				4508.20	69.80	314672.00
	Lead 4 KMs 2x1.28x4	12.80							
	Basic Rate	69.80							
							SUB TOTAL		8509646.00
9	GST Charge 12%								1021158.00
10	KRIDL Charge 4.5%								382934.00
11	PMC Charge 1%								85096.00
12	Miscellaneous and UnforessenCharges								1166.00
	Rupees One Hundred Lakhs Only								10000000.00

Assistant Engineer
Ward No 14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ಸಂ. CE/DD/AS/181/ 18-19 ದಿನಾಂಕ : 07-03-19
ರೂ. Rs One Hundred Lakhs only (100.00) ಆಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ

ಸಂ. CE/02/TS/208/18-19 ದಿನಾಂಕ : 07/03/2019
ರೂ. 100.00 lakhs/- (Rs one Hundred lakhs only) ಗಳ ಆಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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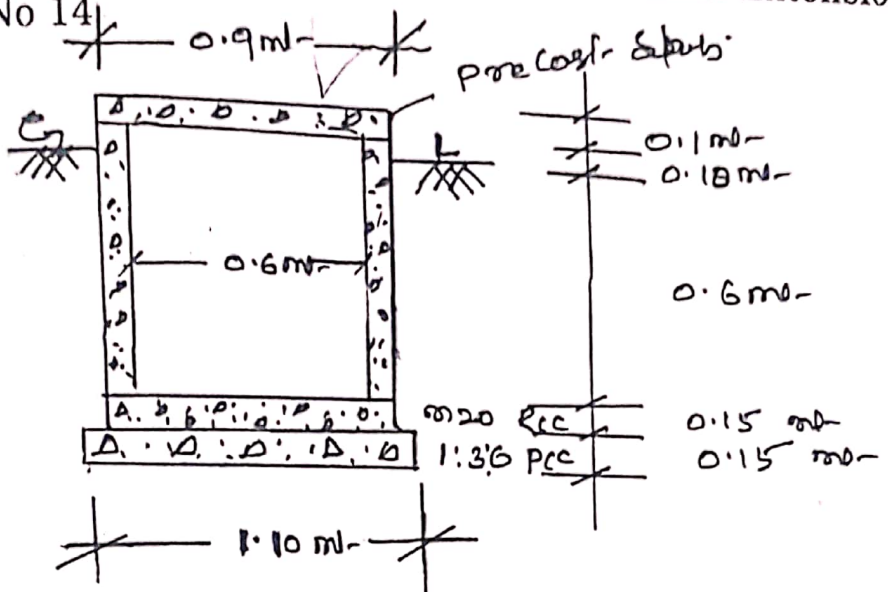
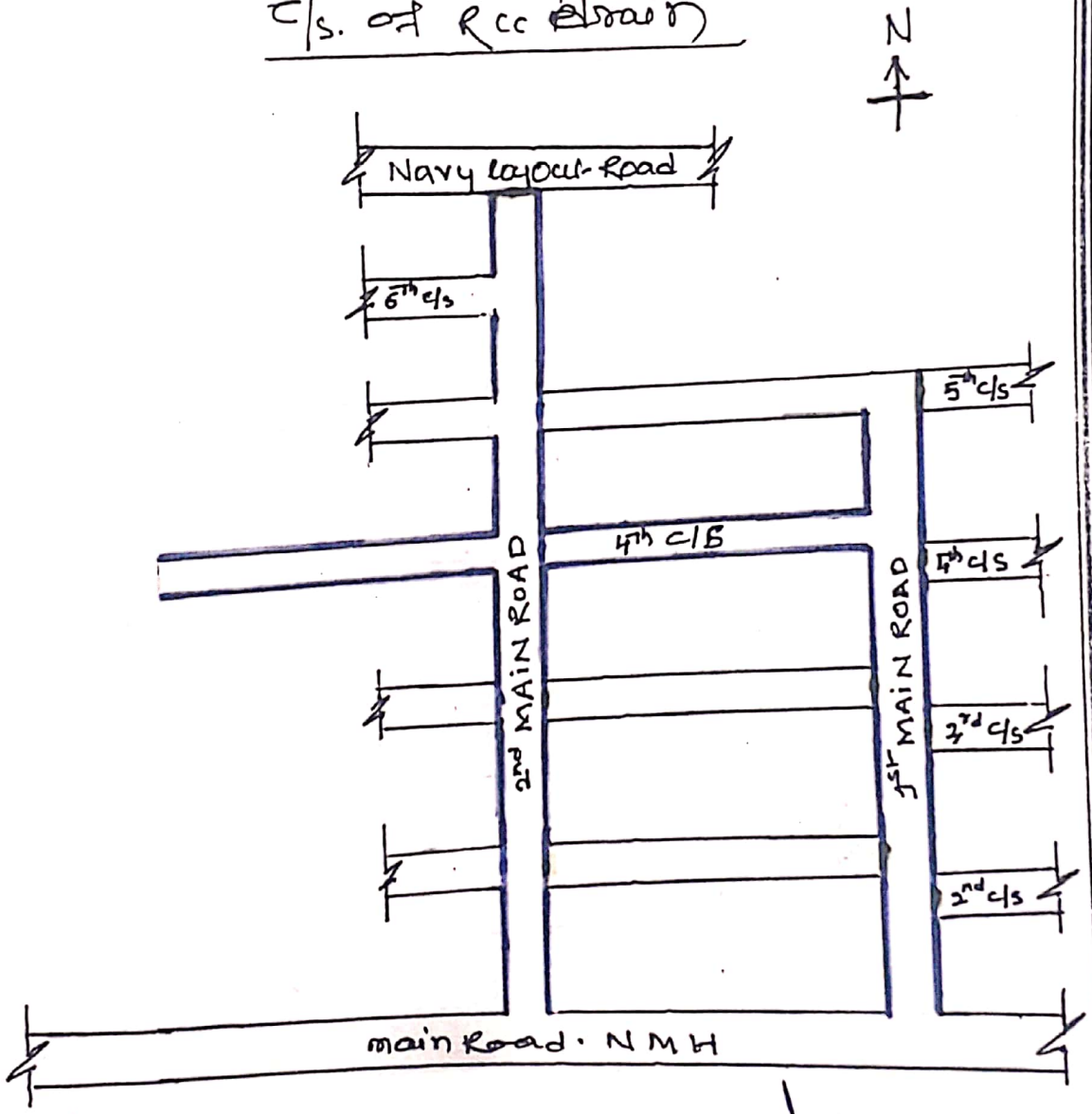


C/s. of RCC drain



Asst. Engineer
ward No 14

Asst. Exe. Engineer
T.Dasarahalli Sub Division

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